

Message

From: Ranjit J Machado [RMachado@ramboll.com]
Sent: 7/7/2022 8:36:42 PM
To: Chow, Alice [chow.alice@epa.gov]
Subject: RE: B. Braun Medical - Emissions
Attachments: ATT00001.txt

Thank you, Alice. That is indeed positive news for everyone.

Ranjit J Machado, P.E.

Managing Principal
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From: Chow, Alice <chow.alice@epa.gov>
Sent: Thursday, July 7, 2022 2:14 PM
To: Ranjit J Machado <RMachado@ramboll.com>; Eric Geder <eric.geder@bbraunusa.com>
Cc: Erin Armstrong <erin.armstrong@bbraunusa.com>; jkrueger@pa.gov; Fleck, Andrew <afleck@pa.gov>; Fernandez, Cristina <Fernandez.Cristina@epa.gov>; Bain, Andrea <Bain.Andrea@epa.gov>; Fry, Jessica <fry.jessica@epa.gov>
Subject: RE: B. Braun Medical - Emissions

Ranjit: Looks like B. Braun is now below 100 in a million. This is good news, but EPA is obligated to still conduct outreach for the community by Braun as required by the Inspector General.

Alice



From: Ranjit J Machado <RMachado@ramboll.com>
Sent: Thursday, July 07, 2022 7:25 AM
To: Chow, Alice <chow.alice@epa.gov>; Eric Geder <eric.geder@bbraunusa.com>
Cc: Erin Armstrong <erin.armstrong@bbraunusa.com>
Subject: Re: B. Braun Medical - Emissions

Alice - Also, if they've run the model, what is the highest risk he predicts. Thank you.

Ranjit

From: Chow, Alice <chow.alice@epa.gov>
Sent: Thursday, July 7, 2022 7:20:29 AM
To: Eric Geder <eric.geder@bbraunusa.com>
Cc: Erin Armstrong <erin.armstrong@bbraunusa.com>; Ranjit J Machado <RMachado@ramboll.com>
Subject: RE: B. Braun Medical - Emissions

Eric: I will check with Jon and company!

Alice



Alice H. Chow

Branch Chief
Air and Radiation Division
US EPA Mid-Atlantic Region 3
Phone 215-814-2144
Email chow.alice@epa.gov



From: Eric Geder <eric.geder@bbraunusa.com>
Sent: Tuesday, July 05, 2022 3:57 PM
To: Chow, Alice <chow.alice@epa.gov>
Cc: Erin Armstrong <erin.armstrong@bbraunusa.com>; Ranjit J Machado <RMachado@ramboll.com>
Subject: RE: B. Braun Medical - Emissions

Alice –

I wanted to follow up to see if you were able to follow up with Jon Witt on the information submitted by B. Braun. If there are any questions, we are available for a follow up discussion.

Regards,
Eric

Eric Geder, CSP
EHS&S Manager

B|Braun Medical, Inc.
Phone: 610-596-2474
Cell: 484-387-9254
Email: eric.geder@bbraunusa.com



Please consider the environment before printing this e-mail

From: Chow, Alice <chow.alice@epa.gov>
Sent: Thursday, June 23, 2022 1:02 PM
To: Eric Geder <eric.geder@bbraunusa.com>
Cc: Erin Armstrong <erin.armstrong@bbraunusa.com>; Ranjit J Machado <RMachado@ramboll.com>
Subject: RE: B. Braun Medical - Emissions

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Not that I know of. I know that Jon Witt is on vacation this week so I will check back with him next week.



Alice H. Chow

Branch Chief
Air and Radiation Division
US EPA Mid-Atlantic Region 3
Phone 215-814-2144
Email chow.alice@epa.gov



From: Eric Geder <eric.geder@bbraunusa.com>
Sent: Thursday, June 23, 2022 12:59 PM
To: Chow, Alice <chow.alice@epa.gov>
Cc: Erin Armstrong <erin.armstrong@bbraunusa.com>; Ranjit J Machado <RMachado@ramboll.com>
Subject: RE: B. Braun Medical - Emissions

Alice –

Is there anything needed in addition to the information that was previously sent by B. Braun Medical, Inc. that you or OAQPS need for consideration regarding the air modeling for our location in Allentown, PA?

Regards,
Eric

Eric Geder, CSP
EHS&S Manager

B|Braun Medical, Inc.
Phone: 610-596-2474
Cell: 484-387-9254
Email: eric.geder@bbraunusa.com



Please consider the environment before printing this e-mail

From: Chow, Alice <chow.alice@epa.gov>
Sent: Wednesday, June 15, 2022 3:06 PM
To: Eric Geder <eric.geder@bbraunusa.com>
Cc: Erin Armstrong <erin.armstrong@bbraunusa.com>; Ranjit J Machado <RMachado@ramboll.com>
Subject: RE: B. Braun Medical - Emissions

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I've passed this on to OAQPS.



Alice H. Chow

Branch Chief
Air and Radiation Division
US EPA Mid-Atlantic Region 3
Phone 215-814-2144
Email chow.alice@epa.gov



From: Eric Geder <eric.geder@bbraunusa.com>
Sent: Wednesday, June 15, 2022 2:58 PM
To: Chow, Alice <chow.alice@epa.gov>
Cc: Erin Armstrong <erin.armstrong@bbraunusa.com>; Ranjit J Machado <RMachado@ramboll.com>
Subject: RE: B. Braun Medical - Emissions

Alice –

I have also attached the BPIP file, which we had forwarded to PADEP.
This includes the AERMOD-ready building file, reflecting the building dimensions described in the protocol.
This file would be helpful to forward along to whomever is doing the modeling.

Regards,

Eric

Eric Geder, CSP
EHS&S Manager

B|Braun Medical, Inc.
Phone: 610-596-2474
Cell: 484-387-9254
Email: eric.geder@bbraunusa.com



Please consider the environment before printing this e-mail

From: Chow, Alice <chow.alice@epa.gov>
Sent: Wednesday, June 15, 2022 10:54 AM
To: Eric Geder <eric.geder@bbraunusa.com>
Cc: Erin Armstrong <erin.armstrong@bbraunusa.com>; Ranjit J Machado <RMachado@ramboll.com>
Subject: RE: B. Braun Medical - Emissions

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Alice H. Chow

Branch Chief
Air and Radiation Division
US EPA Mid-Atlantic Region 3
Phone 215-814-2144
Email chow.alice@epa.gov



From: Eric Geder <eric.geder@bbraunusa.com>
Sent: Wednesday, June 15, 2022 10:42 AM
To: Chow, Alice <chow.alice@epa.gov>
Cc: Erin Armstrong <erin.armstrong@bbraunusa.com>; Ranjit J Machado <RMachado@ramboll.com>
Subject: RE: B. Braun Medical - Emissions

Alice – thank you for your time yesterday. I believe we had a very productive meeting.

As discussed, please find attached the items requested during the meeting.

The attachments include:

- B. Braun's Presentation
- Air Quality Modeling Protocol
- Calculation for Anguil System (Peak Shaver/Catalytic Oxidizer) Emissions for 2021

If you have any questions or believe we need an additional call to clarify any information, we are available.

Regards,
Eric

Eric Geder, CSP
EHS&S Manager

B|Braun Medical, Inc.
Phone: 610-596-2474
Cell: 484-387-9254
Email: eric.geder@bbraunusa.com



Please consider the environment before printing this e-mail

From: Eric Geder
Sent: Monday, June 13, 2022 9:43 AM
To: Chow, Alice <chow.alice@epa.gov>
Cc: Erin Armstrong <erin.armstrong@bbraunusa.com>; Witt, Jon <Witt.Jon@epa.gov>; Woody, Matt <Woody.Matt@epa.gov>; jkrueger@pa.gov
Subject: RE: B. Braun Medical - Emissions

Alice – thanks for the response.

We are available at that time. Please forward the meeting details.
We are looking forward to the discussion.

Regards,
Eric

Eric Geder, CSP
EHS&S Manager

B|Braun Medical, Inc.
Phone: 610-596-2474
Cell: 484-387-9254
Email: eric.geder@bbraunusa.com



Please consider the environment before printing this e-mail

From: Chow, Alice <chow.alice@epa.gov>
Sent: Monday, June 13, 2022 9:12 AM
To: Eric Geder <eric.geder@bbraunusa.com>
Cc: Erin Armstrong <erin.armstrong@bbraunusa.com>; Witt, Jon <Witt.Jon@epa.gov>; Woody, Matt <Woody.Matt@epa.gov>; jkrueger@pa.gov
Subject: RE: B. Braun Medical - Emissions

CAUTION: This email originated from outside the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Alice



Alice H. Chow

Branch Chief
Air and Radiation Division
US EPA Mid-Atlantic Region 3
Phone 215-814-2144
Email chow.alice@epa.gov



From: Eric Geder <eric.geder@bbraunusa.com>
Sent: Thursday, June 09, 2022 4:45 PM
To: Chow, Alice <chow.alice@epa.gov>
Cc: Erin Armstrong <erin.armstrong@bbraunusa.com>
Subject: B. Braun Medical - Emissions

Dear Ms. Chow,

My name is Eric Geder, and I am the Environmental, Health, Safety, and Security Manager at B. Braun Medical Inc. in Allentown, PA. We are reaching out to request an opportunity to meet with you and/or your colleagues to discuss our ethylene oxide ("EtO") emissions and recently installed emission control equipment. We understand the EPA is currently preparing for a nationwide webinar and otherwise preparing information on various commercial sterilizers. We would appreciate your time for us to share some updated information, including modeling work that we are in the process of completing.

Please let me know if there is a date and time at which we could meet.

Regards,
Eric

Eric Geder, CSP
EHS&S Manager

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